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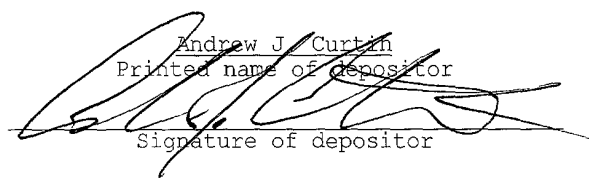
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Andrew J. Curtin  
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\* \* \*

TRANSMITTAL LETTER

The Assistant Commissioner for Patents  
Washington, D.C. 20231

**ATTN: BOX PATENT APPLICATION**

Sir:

Transmitted herewith for filing is the patent application  
of: Ajay Divakaran, Huifang Sun, Lexing Xie and Shih-Fu Chang

**FOR: Turbo Coding for Fast Fading Channels**

Enclosed are:

- [11] pages of specification, claims and abstract
- [2] sheets of formal drawings
- [x] Declaration and Power of Attorney
- [X] Assignment of the application
- [X] Information Disclosure Statement

The filing fee is calculated as follows:

	NUMBER FILED	CLAIMS AS FILED NUMBER EXTRA	LARGE ENTITY	AMOUNT
Basic Fee	11	0	\$ 740.00	\$ 740.00
Total Claims	11	-20 =	x 20.00	
Independent Claims	2	-3 =	\$80.00	
Assignment Recording Fee			40.00	40.00
Multiple Dependent Claim Fee			270.00	

Other

TOTAL FEE \$ 780.00

- [X] Please record the accompanying Assignment.
- [X] Please charge Deposit Account No. 50-0749 in the amount of \$780.00 for filing fees.
- [ ] Check in the amount of \$ \_\_\_\_\_ for Filing Fee.
- [X] The Assistant Commissioner for Patents is hereby authorized to charge any additional fees due or credit any overpayment to Deposit Account No. 50-0749.


All future correspondence should be addressed to:

Patent Department  
Mitsubishi Electric Research Laboratories, Inc.  
201 Broadway  
Cambridge, Massachusetts 02139

Duplicate copies of this letter are enclosed.

Respectfully submitted,  
MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.

By:

  
Andrew J. Curtin  
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Attorney for Assignee

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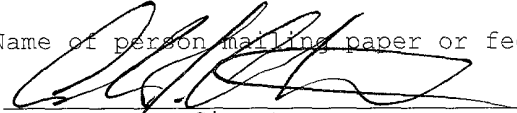
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Signature  
Andrew J. Curtin

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APPLICATION FOR UNITED STATES LETTERS PATENT

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Title: **Turbo Coding for Fast Fading Channels**

Inventors: Jinyun Zhang  
Philip Orlik  
Jyhchau Horng